

Course work for Deglutology Certificate Course

Duration: 6 months | Total hours: 150 | Mode: Self-paced recorded

Module 1: Introduction

1. Medical Speech Pathology
2. Medical and Healthcare Ethics
3. Infection control
4. Concepts and Terminologies

Module 2: Typical Swallow

5. Apparatus of swallowing
6. Airway safety
7. Neural control for swallowing
8. Development of swallowing
9. Swallowing in action
10. Swallowing liquids
11. Swallowing Solids
12. Accepted deviation
13. Factors affecting swallowing

Module 3: Pathophysiology of Dysphagia

14. Epidemiology
15. Paediatric swallowing disorders

16. Paediatric feeding disorders

17. Onco DEGLUTology

18. Neuro DEGLUTology

19. Presbide GLUTology

20. Infectious diseases

21. Trauma

22. Treatment related

23. Special population

Module 4: Studying swallowing

24. Patient reports

25. Clinical signs

26. Chart reading

27. Four finger test

28. Dry swallows

29. RSST

30. Water swallow test

31. Mealtime assessments

32. Cervical auscultation

33. Instrumental evaluation - Selection

34. FEES

35. VFS

36. Manometry

37. Scintigraphy

38. Ultrasound

39. Objective assessment – Principles

40. Safety measures

41. Efficacy measures

42. Degree assessment

43. Prognostic evaluation

44. Patient reported outcome measures

Module 5: Treatment

45. Treatment planning and decision making

46. Establishing SOP

47. Choice of treatment strategies

48. Choice of first consistency

49. Choice of outcome measures

50. Exit planning

51. Acute care

52. Long-term

53. Treatment strategies of dysphagia

54. Treatment planning

55. Treatment candidacy

56. Patient education

57. Readiness to swallowing

58. Muscle strength training

59. Sensory approaches

60. Postural adjustments

61. Consistency modifications

62. Compensatory physiological approaches

63. Physiological facilitation approaches

64. Biofeedback

65. Hybrid strategies

66. Neuromuscular Electric Stimulation

67. TENS

68. Surgical approaches

69. Medical approaches

70. Assistive devices for feeding

Module 6: Interdisciplinary approach

71. Clinical Nutrition

72. Clinical Psychology

73. Physiotherapy

74. Pulmonary rehabilitation

75. Dental rehabilitation

76. Gastro Enterologist

77. Intensive Care

78. Palliative care

Module 6: Professional and Private practice

79. Documentation

80. Setting up swallow clinic

81. Medico legal aspects

82. Scope of practice

83. Advances and trends in deglutology

84. Pain points and hurdles in deglutology

85. Dysphagia Burden in India and Globe

86. Cultural aspects influencing dysphagia practice

Module 7: Research and Development

87. Research in Dysphagia

88. Technological advancement

89. Closing the gaps with conducting research

90. Scientific writing

91. Evidence based practice

Module 8: Activities

92. Case capsules

93. Journal Club

94. Research proposals

95. Project proposals

96. Debate

97. Quiz

98. Viva Voce

99. Exit exam

100. Hands on